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| 09/476,419 | 12/30/1999 | EDWARD B. EYTCHISON | SONY-50M2430 | 7826 |

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09/15/2003

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EXAMINER

BLAIR, DOUGLAS B

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2142

DATE MAILED: 09/15/2003

13

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/476,419

Applicant(s)

EYCHISON, EDWARD B.

Examiner

Douglas B Blair

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 June 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 12.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Claims 1-40 are currently pending in this application.
2. Claims 5 and 33 should read "Currently amended" and not "original".

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2, 5-10, 13-18 and 21-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 6,239,466 to Zondag in view of U.S. Patent Number 6,118,774 to Sturgeon et al..
5. As to claim 1, Zondag teaches a method of operating a plurality of types of consumer electronic devices interconnected to form a network, said method comprising: configuring a resource manger of said network with an access policy during network initialization wherein said access policy dictates a condition under which a particular service request is permissible to a user (col. 3, lines 30-54); a resource manager determining whether a service request violates an access policy (col. 5, lines 1-20); provided the service request is permissible, said resource manager determining whether resources of said network necessary for carrying out said service request are available (col. 6, lines 25-55); and provided the resources necessary for carrying out a service request are available, a resource manager transmitting control signals to a network causing said

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plurality of types of consumer electronic devices to carry out a service request (col. 4, lines 10-28); however Zondag does not explicitly teach receiving a service request indicating an identity of a user and based on the identity of the user, determining whether a service request violates an access policy.

Sturgeon teaches a system for access consumer electronics that includes a method of receiving a service request indicating an identity of a user and based on the identity of the user, determining whether a service request violates an access policy (col. 2, lines 20-39).

It would have been obvious to one of ordinary skill in the Computer Networking art at the time of the invention to combine the teachings of Zondag regarding a consumer electronic system with the teachings of Sturgeon regarding implementing an access policy for specific users in a consumer electronic system because such functionality would be useful to restrict a child's access to questionable material (Sturgeon, col. 1, lines 42-53).

6. As to claim 2, Sturgeon teaches a method comprising the step of returning a failure message to a user when a service request violates an access policy (col. 5, lines 62-67 and col. 6, lines 1-26).

7. As to claim 5, Sturgeon teaches a method of communicating user identification information of a user to a server (col. 5, lines 62-67 and col. 6, lines 1-26); authenticating the user identification information (col. 5, lines 62-67 and col. 6, lines 1-26); and provided user identification information is unauthenticated, denying said user access to resources of the network (col. 5, lines 62-67 and col. 6, lines 1-26).

8. As to claim 6, Zondag teaches a method wherein resources comprises hard resources and soft resources, and wherein the hard resources comprise a plurality of types of consumer

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electronic devices and wherein the soft resources comprise content information accessible by the plurality of types of consumer electronic devices (col. 4, lines 21-28).

9. As to claim 7, Zondag teaches method wherein determining whether resources of a network necessary for carrying out a service request are available comprises the step of accessing a resource pool, wherein said resource pool contains information regarding availability of said hard resources (col. 10, lines 10-32).

10. As to claim 8, Sturgeon teaches a method wherein an access policy is stored in a policy database accessible by a resource manager (col. 6, lines 13-26).

11. As to claims 9-10 and 12-16, they feature the same limitations as claims 1-2 and 4-8 are rejected on the same basis as claims 1-2 and 4-8.

12. As to claims 17-18 and 20-23, they feature the same limitations as claims 1-2 and 4-7 and are rejected on the same basis as claims 1-2 and 4-7.

13. Claims 3-4, 11-12, and 19-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 6,239,466 to Zondag in view of U.S. Patent Number 6,118,774 to Sturgeon et al. in further view of U.S. Patent Number 6,311,207 to Mighdoll et al..

14. As to claim 3, the Zondag-Sturgeon combination makes claim 2 obvious however neither Zondag nor Sturgeon teach a method comprising maintaining a record of activities of a user.

Mighdoll teaches maintaining a record of user activities (col. 12, lines 31-46).

It would have been obvious to one of ordinary skill in the Computer Networking art at the time of the invention to combine the teachings of the Zondag-Sturgeon combination regarding a consumer electronic system with the teachings of Mighdoll regarding keeping track of user

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activities because keeping track of user activities improves security (Mighdoll, col. 2, lines 14-29).

15. As to claim 4, Mighdoll teaches a step of retrieving a record of activities of a user from a log database provided an access policy is dependent on user activities (col. 12, lines 31-46).

16. As to claims 11 and 19, they feature the same limitations as claim 3 and are thus rejected for the same reasons as claim 3.

17. As to claims 12 and 20, they feature the same limitations as claim 4 and are thus rejected for the same reasons as claim 4.

18. Claims 24-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Number 6,389,466 to Zondag in view of U.S. Patent Number 6,567,979 to deCarmo.

19. As to claim 24, Zondag teaches a method of operating a network comprising consumer electronic devices, comprising the acts of: receiving a request from a user of a network, wherein the request comprises a request for output of a media content item (col. 5, lines 1-20); and outputting the media content item if the user is permitted to receive the media content item and if an electronic device of the network is available to output the media content item (col. 6, lines 25-55); however Zondag does not explicitly teach the user specifying a source providing the media content item to the network and without the user specifying an electronic device of the network for the output.

DeCarmo teaches a user specifying a source providing the media content item to the network and without the user specifying an electronic device of the network for the output (col. 6, lines 18-39).

It would have been obvious to one of ordinary skill in the Computer Networking art at the time of the invention to combine the teachings of Zondag regarding a consumer electronics system with the teachings of DeCarmo regarding specifying a source for providing media content because such a system allows a user to access many devices over a network (DeCarmo, col. 3, lines 1-30).

20. As to claim 25, Zondag teaches the network comprising a home network comprising consumer electronic devices (col. 4, lines 21-28).

21. As to claim 26, DeCarmo teaches a request comprising a request for output at a particular location (col. 6, lines 18-39).

22. As to claim 27, DeCarmo teaches media content item comprising audio and video (col. 6, lines 18-39).

23. As to claim 28, Zondag teaches a method wherein the media content item comprises a first media content item, and further comprising the acts of: receiving, during output of the first media content item, a second request from a second user of the network, wherein the second request comprises a request for output of a second media content item without the second user specifying a source providing the second media content item to the network and without the second user specifying an electronic device for the output (col. 10, lines 33-67); and outputting during output of the first media content item, the second media content item if the second user is permitted to receive the second media content item and if a second electronic device of the network is available to output the second media content item (col. 10, lines 33-67).

24. As to claim 29, Zondag teaches the network comprising a home network comprising consumer electronic devices (col. 4, lines 21-28).

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25. As to claim 30, Zondag teaches the act of using a single functional manager to receive the first and the second requests (col. 10, lines 33-67).

26. As to claim 31, Zondag teaches a request for output of the first media content item comprising a request that the first media content item be output at a first location, and wherein the request for output of the second media content item comprising a request that the second media content item be output at a second location (col. 10, lines 33-67).

27. As to claim 32, DeCarmo teaches a method wherein first and second media content items each comprise audio and video (col. 6, lines 18-39).

28. As to claims 33-40, they feature the same limitations as claims 24-32 and are rejected on the same basis as claims 24-32.

Response to Arguments

29. Applicant's arguments with respect to claims 1-40 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

30. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas B Blair whose telephone number is 703-305-5267. The examiner can normally be reached on 8:30am-5pm Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Powell can be reached on 703-305-9703. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3800.

Douglas Blair
September 7, 2003

DBB

MARC D. THOMPSON
MARC THOMPSON
PRIMARY EXAMINER